Author-Title Index

Alissandrakis, C.E., see Hillaris, A., et al. 229, 216

Andrews, A.D.: Investigation of micro-flaring and secular and quasi-periodic variations in dMe flare stars. IV. Harmonic analysis of YZ Canis Minoris and a possible connection with the Ionson-Mullan hypothesis of coronal heating 229, 504

Apparao, K.M.V., Rengarajan, T.N., Tarafdar, S.P., Ghosh, K.K.: Simultaneous radio and Hα observations of Be stars 229, 141

Arp, H.: Quasar numbers as a function of apparent magnitude: gravitational lensing or quasars associated with nearby galaxies? 229, 93

Aschwanden, M.J., Benz, A.O., Kane, S.R.: Correlation of solar radio pulsations with hard X-ray emission 229, 206

Asvarov, A.I., Dogiel, V.A., Guseinov, O.H., Kasumov, F.K.:
The hard X-ray emission of the young supernova remnants 229, 196

Atmanspacher, H., see Wiedenmann, G. 229, 283

Azzopardi, M., see Johansson, L., et al. 229, 83

Baffa, C., see Lisi, F., et al. 229, 569

Balkowski, C., see Chamaraux, P., et al. 229, 340

Ballester, J.L., see Vizoso, G. 229, 540

Baratta, G.B., Viotti, R.: The spectrum of the symbiotic nova HBV 475 in 1969. II 229, 104

Beckman, J.E., Cepa, J.: The nature of arms in spiral galaxies. I. Azimuthal colour profiles of NGC 7479 and NGC 1832 229, 37

Bender, R.: Unraveling the kinematics of early-type galaxies. Presentation of a new method and its application to NGC 4621 229, 441

Renz, A.O., see Aschwanden, M.J., et al. 229, 206

Bettarini, A., see Lisi, F., et al. 229, 569

Biliotti, V., see Lisi, F., et al. 229, 569

Biraud, F., see Sivagnanam, P., et al. 229, 171

Blomme, R.: The terminal velocity of the stellar wind in O-type stars 229, 513

Bonaccini, D., Stauffer, F.: High resolution solar bidimensional spectroscopy with a Universal Birefringent Filter in tandem with a Fabry-Perot interferometer: tests and experimental results 229, 272

Bougeret, J.-L., see Hillaris, A., et al. 229, 216

Bowell, E., see Lumme, K., et al. 229, 228

Breare, M., see Le Borgne, J.-F., et al. 229, L13

Bretagnon, P., see Fairhead, L. 229, 240

Cadonau, R., Leibundgut, B.: Supernova studies. I. A catalogue of magnitude observations of supernovae I 229, 282 (82, 145)

Caroubalos, C., see Hillaris, A., et al. 229, 216

Carrasco, L., see Recillas-Cruz, E., et al. 229, 64

Cayatte, V., see Chamaraux, P., et al. 229, 340

Cepa, J., see Beckman, J.E. 229, 37

Chamaraux, P., Cayatte, V., Balkowski, C., Fontanelli, P.: A connection between the Perseus-Pisces supercluster and the A 569 cloud? 229, 340

Charlot, P.: Fourteen extragalactic radio sources mapped at 2.3 and 8.4 GHz with a 24-hour Crustal Dynamics Program VLBI experiment 229, 51

Cheng, F.Z., see Xie, G.Z., et al. 229, 329

Chini, R., see Krügel, E., et al. 229, 17

Christopoulou, P.E., see Solomos, N., et al. 229, 80

Collin-Souffrin, S., Dumont, A.M.: Line and continuum emission from the outer regions of accretion discs in active galactic nuclei. II. Radial structure of the disc 229, 292

Collin-Souffrin, S., see Dumont, A.M. 229, 302

Collin-Souffrin, S., see Dumont, A.M. 229, 313

Copetti, M.V.F.: Physical properties of H II regions in the Small Magellanic Cloud 229, 533

Cruz-González, I., see Recillas-Cruz, E., et al. 229, 64

den Hartog, R.H., see Deul, E.R. 229, 362

Detal, A., Hutsemékers, D., Remy, M., Surdej, J., Van Drom, E.: Further observations of the light echoes from SN 1987 A 229, 427

Deul, E.R., den Hartog, R.H.: Small-scale structures in the H_I distribution of M 33 229, 362

Diamond, P.J., see Sivagnanam, P., et al. 229, 171

Dogiel, V.A., see Asvarov, A.I., et al. 229, 196

Dogiel, V.A., Sharov, G.S.: Manifestations of cosmic ray acceleration in giant molecular clouds 229, 259

Dumont, A.M., Collin-Souffrin, S.: Line and continuum emission from the outer regions of accretion discs in active galactic nuclei. III. Influence of the illumination model 229, 302

Dumont, A.M., Collin-Souffrin, S.: Line and continuum emission from the outer regions of accretion discs in active galactic nuclei. IV. Line emission 229, 313

Dumont, A.M., see Collin-Souffrin, S. 229, 292

Durret, F.: Long slit spectroscopy of emission line galaxies. II. Physical properties of the ionized gas and general characteristics 229, 351

Ellis, G.F.R., see Maurellis, A., et al. 229, 75

Eriguchi, Y.: Close encounter: tidally-induced non-radial oscillation of a fluid star 229, 457

Fairall, A.P., see Maurellis, A., et al. 229, 75

Fairhead, L., Bretagnon, P.: An analytical formula for the time transformation TB-TT 229, 240

Author-Title Index

Alissandrakis, C.E., see Hillaris, A., et al. 229, 216

Andrews, A.D.: Investigation of micro-flaring and secular and quasi-periodic variations in dMe flare stars. IV. Harmonic analysis of YZ Canis Minoris and a possible connection with the Ionson-Mullan hypothesis of coronal heating 229, 504

Apparao, K.M.V., Rengarajan, T.N., Tarafdar, S.P., Ghosh, K.K.: Simultaneous radio and Hα observations of Be stars 229, 141

Arp, H.: Quasar numbers as a function of apparent magnitude: gravitational lensing or quasars associated with nearby galaxies? 229, 93

Aschwanden, M.J., Benz, A.O., Kane, S.R.: Correlation of solar radio pulsations with hard X-ray emission 229, 206

Asvarov, A.I., Dogiel, V.A., Guseinov, O.H., Kasumov, F.K.:
The hard X-ray emission of the young supernova remnants 229, 196

Atmanspacher, H., see Wiedenmann, G. 229, 283

Azzopardi, M., see Johansson, L., et al. 229, 83

Baffa, C., see Lisi, F., et al. 229, 569

Balkowski, C., see Chamaraux, P., et al. 229, 340

Ballester, J.L., see Vizoso, G. 229, 540

Baratta, G.B., Viotti, R.: The spectrum of the symbiotic nova HBV 475 in 1969. II 229, 104

Beckman, J.E., Cepa, J.: The nature of arms in spiral galaxies. I. Azimuthal colour profiles of NGC 7479 and NGC 1832 229, 37

Bender, R.: Unraveling the kinematics of early-type galaxies. Presentation of a new method and its application to NGC 4621 229, 441

Renz, A.O., see Aschwanden, M.J., et al. 229, 206

Bettarini, A., see Lisi, F., et al. 229, 569

Biliotti, V., see Lisi, F., et al. 229, 569

Biraud, F., see Sivagnanam, P., et al. 229, 171

Blomme, R.: The terminal velocity of the stellar wind in O-type stars 229, 513

Bonaccini, D., Stauffer, F.: High resolution solar bidimensional spectroscopy with a Universal Birefringent Filter in tandem with a Fabry-Perot interferometer: tests and experimental results 229, 272

Bougeret, J.-L., see Hillaris, A., et al. 229, 216

Bowell, E., see Lumme, K., et al. 229, 228

Breare, M., see Le Borgne, J.-F., et al. 229, L13

Bretagnon, P., see Fairhead, L. 229, 240

Cadonau, R., Leibundgut, B.: Supernova studies. I. A catalogue of magnitude observations of supernovae I 229, 282 (82, 145)

Caroubalos, C., see Hillaris, A., et al. 229, 216

Carrasco, L., see Recillas-Cruz, E., et al. 229, 64

Cayatte, V., see Chamaraux, P., et al. 229, 340

Cepa, J., see Beckman, J.E. 229, 37

Chamaraux, P., Cayatte, V., Balkowski, C., Fontanelli, P.: A connection between the Perseus-Pisces supercluster and the A 569 cloud? 229, 340

Charlot, P.: Fourteen extragalactic radio sources mapped at 2.3 and 8.4 GHz with a 24-hour Crustal Dynamics Program VLBI experiment 229, 51

Cheng, F.Z., see Xie, G.Z., et al. 229, 329

Chini, R., see Krügel, E., et al. 229, 17

Christopoulou, P.E., see Solomos, N., et al. 229, 80

Collin-Souffrin, S., Dumont, A.M.: Line and continuum emission from the outer regions of accretion discs in active galactic nuclei. II. Radial structure of the disc 229, 292

Collin-Souffrin, S., see Dumont, A.M. 229, 302

Collin-Souffrin, S., see Dumont, A.M. 229, 313

Copetti, M.V.F.: Physical properties of H II regions in the Small Magellanic Cloud 229, 533

Cruz-González, I., see Recillas-Cruz, E., et al. 229, 64

den Hartog, R.H., see Deul, E.R. 229, 362

Detal, A., Hutsemékers, D., Remy, M., Surdej, J., Van Drom, E.: Further observations of the light echoes from SN 1987 A 229, 427

Deul, E.R., den Hartog, R.H.: Small-scale structures in the H_I distribution of M 33 229, 362

Diamond, P.J., see Sivagnanam, P., et al. 229, 171

Dogiel, V.A., see Asvarov, A.I., et al. 229, 196

Dogiel, V.A., Sharov, G.S.: Manifestations of cosmic ray acceleration in giant molecular clouds 229, 259

Dumont, A.M., Collin-Souffrin, S.: Line and continuum emission from the outer regions of accretion discs in active galactic nuclei. III. Influence of the illumination model 229, 302

Dumont, A.M., Collin-Souffrin, S.: Line and continuum emission from the outer regions of accretion discs in active galactic nuclei. IV. Line emission 229, 313

Dumont, A.M., see Collin-Souffrin, S. 229, 292

Durret, F.: Long slit spectroscopy of emission line galaxies. II. Physical properties of the ionized gas and general characteristics 229, 351

Ellis, G.F.R., see Maurellis, A., et al. 229, 75

Eriguchi, Y.: Close encounter: tidally-induced non-radial oscillation of a fluid star 229, 457

Fairall, A.P., see Maurellis, A., et al. 229, 75

Fairhead, L., Bretagnon, P.: An analytical formula for the time transformation TB-TT 229, 240

Figueras, F., Jordi, C., Rosselló, G., Torra, J.: UBVRI photometry of G, K, M Hipparcos stars 229, 280 (82, 57)

Fontanelli, P., see Chamaraux, P., et al. 229, 340 Forster, J.R., see Lindqvist, M., et al. 229, 165

Friberg, P., see Irvine, W.M., et al. 229, L9

Garilli, B., Maccagni, D.: X-ray spectra of three BL Lacertae objects 229, 88

Gennari, S., see Lisi, F., et al. 229, 569

Ghosh, K.K., see Apparao, K.M.V., et al. 229, 141

Goudis, C.D., see Solomos, N., et al. 229, 80

Grabowski, B., see Madej, J. 229, 467 Gratton, R., see Ortolani, S. 229, 281 (82, 71)

Guseinov, O.H., see Asvarov, A.I., et al. 229, 196

Haensel, P., Urpin, V.A., Yakovlev, D.G.: Ohmic decay of internal magnetic fields in neutron stars 229, 133

Haensel, P., Zdunik, J.L.: Equation of state and structure of the crust of an accreting neutron star 229, 117

Han, Z.W., see Huang, R.Q., et al. 229, 99

Hao, P.J., see Xie, G.Z., et al. 229, 329

Haud, U.: Are the groups of galaxies flat? 229, 47

Hawkins, G.W.: IRAS observations of a large circumstellar dust shell around W Hydrae 229, L5

Heathcote, S., see Reipurth, B. 229, 527

Heintz, W.D.: Orbits of 15 visual binaries 229, 281 (82, 65)

Henkel, C., Wilson, T.L.: OH megamasers explained 229, 431

Henkel, C., see Wilson, T.L., et al. 229, L1

Herbst, E., McEwan, M.J.: How efficient is radiative association between large species? The case of CH₃⁺ + CH₃CN 229,

Herrero, A., see Méndez, R.H., et al. 229, 152

Heske, A.: Circumstellar CO emission and pulsational properties of cool giants and supergiants 229, 494

Higgs, L.A., see Joncas, G. 229, 281 (82, 113)

Hillaris, A., Alissandrakis, C.E., Caroubalos, C., Bougeret, J.-L.: Computation of electron beam parameters for solar type III and J bursts 229, 216

Hillebrandt, W., see Kössl, D., et al. 229, 378

Hillebrandt, W., see Kössl, D., et al. 229, 397

Hillebrandt, W., see Kössl, D., et al. 229, 401

Höflich, P.: Limb variation effects in rapidly expanding atmospheres 229, 191

Huang, R.Q., Jiang, S.Y., Han, Z.W., Lie, Y.: Evolution of a mass-losing star of 7 Mo 229, 99

Huang, R.Q., see Li, Y. 229, 469

Hutsemékers, D., see Detal, A., et al. 229, 427

Irvine, W.M., Friberg, P., Kaifu, N., Matthews, H.E., Minh, Y.C., Ohishi, M., Ishikawa, S.: Detection of formic acid in the cold, dark cloud L 134 N 229, L9

Ishikawa, S., see Irvine, W.M., et al. 229, L9

Jiang, S.Y., see Huang, R.Q., et al. 229, 99

Johansson, L., Westerlund, B.E., Azzopardi, M.: A compact emission line galaxy heated by "warmers" 229, 83

Johnston, K.J., see Wilson, T.L., et al. 229, L1

Joncas, G., Higgs, L.A.: The DRAO galactic-plane survey. II. Field at $l=105^{\circ}$ 229, 281 (82, 113)

Jordi, C., see Figueras, F., et al. 229, 280 (82, 57)

Kaifu, N., see Irvine, W.M., et al. 229, L9

Kane, S.R., see Aschwanden, M.J., et al. 229, 206

Karttunen, H., see Lumme, K., et al. 229, 228

Kasumov, F.K., see Asvarov, A.I., et al. 229, 196

Kilambi, G.C., see Vivekananda Rao, P., et al. 229, 547

Kössl, D., Müller, E., Hillebrandt, W.: Numerical simulations of axially symmetric magnetized jets. I. The influence of equipartition magnetic fields 229, 378

Kössl, D., Müller, E., Hillebrandt, W.: Numerical simulations of axially symmetric magnetized jets. III. Collimation of underexpanded jets by magnetic fields 229, 401

Kössl, D., Müller, E., Hillebrandt, W.: Numerical simulations of axially symmetric magnetized jets. II. Apparent field structure and theoretical radio maps 229, 397

Krügel, E., Steppe, H., Chini, R.: CO in Markarian galaxies 229, 17

Kulkarni, V.K., Mantovani, F., Pauliny-Toth, I.I.K.: Spectral index distribution for a sample of sources from the B3 catalogue 229, 280 (82, 41)

Larsen, I., see van Genderen, A.M., et al. 229, 123

Le Bertre, T., Schwarz, H.E.: Photometric and polarimetric observations of two IRAS galactic sources 229, 138

Le Borgne, J.-F., Pelló, R., Sanahuja, B., Soucail, G., Mellier, Y., Breare, M.: Discovery of a high-redshift BAL quasar (z=3.853) behind the rich cluster of galaxies Abell 483 229, L13

Le Squeren, A.M., see Sivagnanam, P., et al. 229, 171

Lecacheux, A., see Ortega-Molina, A. 229, 558

Leibundgut, B.: Supernova studies. II. The effect of redshift on supernovae Ia light curves 229, 1

Leibundgut, B., see Cadonau, R. 229, 282 (82, 145)

Li, G.H., see Xie, G.Z., et al. 229, 329

Li, K.H., see Xie, G.Z., et al. 229, 329

Li, Y., Huang, R.Q.: Cepheid pulsation with mass loss effects 229, 469

Li, Z.L., see Xie, G.Z., et al. 229, 329

Lie, Y., see Huang, R.Q., et al. 229, 99

Lindqvist, M., Winnberg, A., Forster, J.R.: Water vapour masers in envelopes of OH/IR stars close to the galactic centre 229, 165

Lisi, F., Gennari, S., Salinari, P., Baffa, C., Bettarini, A., Biliotti, V., Marcucci, G., Morbidelli, L., Oliva, E., Sozzi, M.: The TIRGO infrared spectrometer (1-5 µm) 229, 569

Lu, J.F.: Accretion disk-driven jet precession in active galactic nuclei 229, 424

Lu, J.F., Pineault, S.: Jets with angular momentum from the vicinity of Kerr black holes 229, 416

Lu, R.W., see Xie, G.Z., et al. 229, 329

Lumme, K., Karttunen, H., Bowell, E.: A spherical harmonics method for asteroid pole determination 229, 228

Lustig, G., Wöhl, H.: Solar meridional plasma motions from 1982 until 1986 229, 224

Maccagni, D., see Garilli, B. 229, 88

Madej, J., Grabowski, B.: Significance of the pressure shift of Balmer lines in white dwarfs with extremely high gravity 229, 467

Manchado, A., see Méndez, R.H., et al. 229, 152

Mantovani, F., see Kulkarni, V.K., et al. 229, 280 (82, 41)

Marcucci, G., see Lisi, F., et al. 229, 569

Matravers, D.R., see Maurellis, A., et al. 229, 75

Matthews, H.E., see Irvine, W.M., et al. 229, L9

Matthews, J.M.: HD 96008: variable without a cause 229, 452

Maurellis, A., Fairall, A.P., Matravers, D.R., Ellis, G.F.R.: A two-dimensional sheet of galaxies between two southern voids 229, 75

McEwan, M.J., see Herbst, E. 229, 201

Meaburn, J., see Solomos, N., et al. 229, 80

Mellier, Y., see Le Borgne, J.-F., et al. 229, L13

Méndez, R.H., Herrero, A., Manchado, A.: Spectral and radial velocity studies of 5 northern central stars of planetary nebulae 229, 152

ary nebulae 229, 152

Mighell, K.J.: The Carina dwarf spheroidal: an old galaxy with a large intermediate age population 229, 280 (82, 1)

Minh, Y.C., see Irvine, W.M., et al. 229, L9 Morbidelli, L., see Lisi, F., et al. 229, 569

Müller, E., see Kössl, D., et al. 229, 378

Müller, E., see Kössl, D., et al. 229, 397

Müller, E., see Kössl, D., et al. 229, 401

Ohishi, M., see Irvine, W.M., et al. 229, L9

Oliva, E., see Lisi, F., et al. 229, 569

Ortega-Molina, A., Lecacheux, A.: Polarization response of the Voyager-PRA experiment at low frequencies 229, 558

Ortolani, S., Gratton, R.: Deep photometry of globular clusters. XII. The metal-poor clusters NGC 5694 and Terzan 8 229, 281 (82, 71)

Pauliny-Toth, I.I.K., see Kulkarni, V.K., et al. 229, 280 (82,

Pauzat, F., see Talbi, D. 229, 253

Pelló, R., see Le Borgne, J.-F., et al. 229, L13

Pierre, M.: Probes for the large-scale structure 229, 7

Pineault, S., see Lu, J.F. 229, 416

Rapagnani, P.: Expected supernovae rates and the detection of gravitational waves 229, 28

Recillas-Cruz, E., Carrasco, L., Serrano P.G., A., Cruz-González, I.: The manifold of early-type galaxies from IR photometry: the Coma cluster 229, 64

Reipurth, B., Heathcote, S.: HH 123: a Herbig-Haro object in the high-latitude cloud L 1642 229, 527

Remy, M., see Detal, A., et al. 229, 427

Rengarajan, T.N., see Apparao, K.M.V., et al. 229, 141

Rodríguez, L.F., see Roth, M., et al. 229, 279

Rosselló, G., see Figueras, F., et al. 229, 280 (82, 57)

Roth, M., Tapia, M., Rubio, M., Rodríguez, L.F.: Erratum: Near-infrared images of young objects in the HH 1-2 and HH 3 regions 229, 279

Rubio, M., see Roth, M., et al. 229, 279 Salinari, P., see Lisi, F., et al. 229, 569

Sanahuja, B., see Le Borgne, J.-F., et al. 229, L13

Sarma, M.B.K., see Vivekananda Rao, P., et al. 229, 547

Schmitz, F.: Radiative damping of acoustic waves in the atmospheres of late-type stars 229, 177

Schwarz, H.E., see Le Bertre, T. 229, 138

Seggewiss, W.: Search for chromospheric MG II emission in Ap-type stars 229, 186

Serrano P.G., A., see Recillas-Cruz, E., et al. 229, 64

Sharov, G.S., see Dogiel, V.A. 229, 259

Sivagnanam, P., Diamond, P.J., Le Squeren, A.M., Biraud, F.: Main-line OH hot spots in the circumstellar envelope of U Herculis 229, 171

Solomos, N., Whitehead, M.J., Meaburn, J., Goudis, C.D., Christopoulou, P.E.: Optical monitoring of the nuclear variability of the Seyfert galaxy NGC 4151 229, 80

Soucail, G., see Le Borgne, J.-F., et al. 229, L13

Sozzi, M., see Lisi, F., et al. 229, 569

Spruit, H.C., Taam, R.E.: Mass transport in a neutron star magnetosphere 229, 475

Stauffer, F., see Bonaccini, D. 229, 272

Steppe, H., see Krügel, E., et al. 229, 17

Stift, M.J.: The Cepheid distance scale: an unorthodox view 229, 143

Surdej, J., see Detal, A., et al. 229, 427 Taam, R.E., see Spruit, H.C. 229, 475

Talbi, D., Pauzat, F.: A theoretical study of the H₃⁺ + CO protonation process. II. The formation of HOC⁺ 229, 253

Tapia, M., see Roth, M., et al. 229, 279

Tarafdar, S.P., see Apparao, K.M.V., et al. 229, 141

Thévenin, F.: Oscillator strengths from the Solar spectrum. II 229, 282 (82, 179)

Torra, J., see Figueras, F., et al. 229, 280 (82, 57)

Urpin, V.A., see Haensel, P., et al. 229, 133

van der Hucht, K.A., see van Genderen, A.M., et al. 229, 123

Van Drom, E., see Detal, A., et al. 229, 427

van Genderen, A.M., van der Hucht, K.A., Larsen, I.: Short time scale light variations of the three Wolf-Rayet stars WR 46 (WN 3p), WR 50 (WC 6) and WR 86 (WC 7) 229, 123

Viotti, R., see Baratta, G.B. 229, 104

Vivekananda Rao, P., Sarma, M.B.K., Kilambi, G.C.: Narrow band photometry of comet P/Halley 229, 547

Vizoso, G., Ballester, J.L.: The north-south asymmetry of sunspots 229, 540

Westerlund, B.E., see Johansson, L., et al. 229, 83

Whitehead, M.J., see Solomos, N., et al. 229, 80

Wiedenmann, G., Atmanspacher, H.: Integral pair correlations in the angular distribution of galaxies 229, 283

Wilson, T.L., Johnston, K.J., Henkel, C.: The locations and sizes of NH₃ masers in W51 229, L1
Wilson, T.L., see Henkel, C. 229, 431

Winnberg, A., see Lindqvist, M., et al. 229, 165

Wöhl, H., see Lustig, G. 229, 224

Xie, G.Z., Li, K.H., Cheng, F.Z., Hao, P.J., Li, Z.L., Lu, R.W., Li, G.H.: Search for short variability time-scales of BL Lacertae objects 229, 329

Yakovlev, D.G., see Haensel, P., et al. 229, 133

Źdunik, J.L., see Haensel, P. 229, 117

Zeippen, C.J.: M1 and E2 transition probabilities between the $3p^64s^2S_{1/2}$ and the $3p^63d^2D_{3/2}$, $^2D_{5/2}$ levels in K-like elements with Z=19 to 24 229, 248

